

Datasheet for ABIN651855
anti-PACAP antibody (C-Term)[Go to Product page](#)

4 Images

Overview

Quantity:	400 µL
Target:	PACAP (ADCYAP1)
Binding Specificity:	AA 148-176, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PACAP antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Flow Cytometry (FACS), Immunofluorescence (IF)

Product Details

Immunogen:	This ADCYAP1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 148-176 amino acids from the C-terminal region of human ADCYAP1.
Clone:	RB21605
Isotype:	IgG
Predicted Reactivity:	M, Pig, Rat
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	PACAP (ADCYAP1)
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Target Details

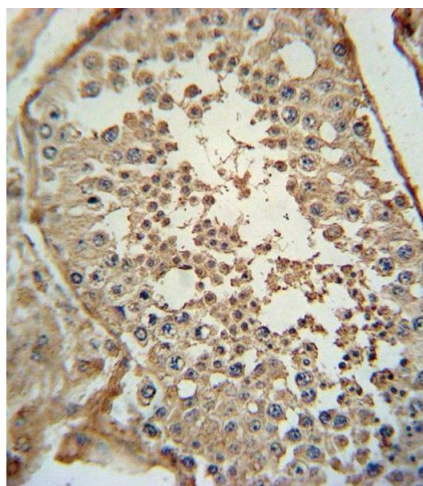
Alternative Name:	ADCYAP1 (ADCYAP1 Products)
Background:	ADCYAP1 is adenylate cyclase activating polypeptide 1. Mediated by adenylate cyclase activating polypeptide 1 receptors, this polypeptide stimulates adenylate cyclase and subsequently increases the cAMP level in target cells. Adenylate cyclase activating polypeptide 1 is not only a hypophysiotropic hormone, but also functions as a neurotransmitter and neuromodulator. In addition, it plays a role in paracrine and autocrine regulation of certain types of cells. This gene encodes three different mature peptides, including two isotypes, a shorter form and a longer form.
Molecular Weight:	18835
Gene ID:	116
NCBI Accession:	NP_001093203 , NP_001108
UniProt:	P18509
Pathways:	Neurotrophin Signaling Pathway , Positive Regulation of Peptide Hormone Secretion , Hormone Activity , cAMP Metabolic Process , Synaptic Membrane , Production of Molecular Mediator of Immune Response , Regulation of G-Protein Coupled Receptor Protein Signaling

Application Details

Application Notes:	IF: 1:10~50. WB: 1:1000. IHC-P: 1:10~50. FC: 1:10~50
Restrictions:	For Research Use only

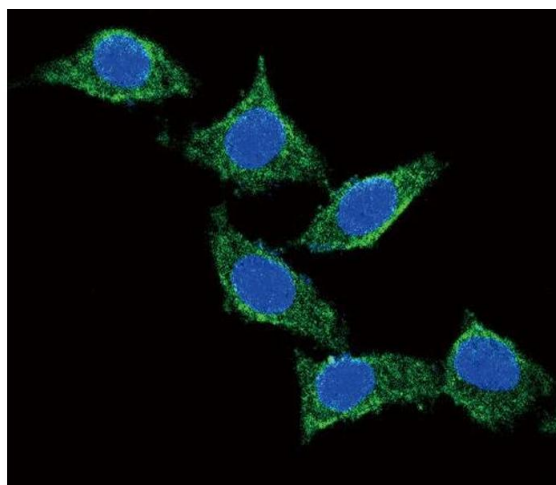
Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



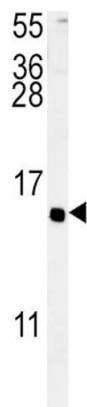
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. ADCY Antibody (C-term) (ABIN651855 and ABIN2840424) immunohistochemistry analysis in formalin fixed and paraffin embedded human testis tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the ADCY Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



Immunofluorescence

Image 2. Confocal immunofluorescent analysis of ADCY Antibody (C-term) (ABIN651855 and ABIN2840424) with 293 cell followed by Alexa Fluor[®]488-conjugated goat anti-rabbit IgG (green). DAPI was used to stain the cell nuclear (blue).



Western Blotting

Image 3. ADCY Antibody (C-term) (ABIN651855 and ABIN2840424) western blot analysis in 293 cell line lysates (35 µg/lane). This demonstrates the ADCY antibody detected the ADCY protein (arrow).

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN651855.